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| 10/725,931 | 12/03/2003 | Chiyoko Matsumi | MTS-3583US | 4481 |

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RATNERPRESTIA
P.O. BOX 980
VALLEY FORGE, PA 19482

| EXAMINER | |
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| DANG, HUNG Q | |
| ART UNIT | PAPER NUMBER |
| 2621 | |
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**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

| Office Action Summary | Application No. | Applicant(s) | |
|---|---|---|---|
| | 10/725,931 | MATSUMI ET AL. | |
| | Examiner | Art Unit | |
| | Hung Q. Dang | 2621 | |

*-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --*

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

1)☒ Responsive to communication(s) filed on *23 April 2009*.

2a)☒ This action is **FINAL**. 2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

4)☒ Claim(s) *1,2,6 and 7* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1,2,6 and 7* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

**Application Papers**

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on *03 December 2003* is/are: a)☒ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

## DETAILED ACTION

### *Response to Arguments*

Applicant's arguments filed 04/23/2008 have been fully considered but they are not persuasive.

On pages 5-6, Applicant argues that, "Ando et al. do not disclose that all the parameter information associated with one data format and another data format are stored contiguous with each other" by stating, on page 6, with respect to Fig. 14 that, "shows the hierarchy of the UDF file management information system. (Col. 6, lines 14-16). As shown in Fig. 14, the hierarchy includes a root directory 401 and a subdirectory 402 containing information associated with a file data 403 of a first format. The parameter information for one data format is stored in logical block 406. The contents of the file (data file (a) and (b) of the first format) are stored at logical blocks 408 and 409" and with respect to Fig. 24 that, " Ando et al. shows a plurality of subdirectories stored sequential to each other. Therefore, another subdirectory containing information associated with a file data of a second format may be stored sequential to a first subdirectory (i.e. subdirectory 402). The other subdirectory may also store parameter information associated with the second format and the contents of the file (data file of the second format). That is, Ando discloses that the contents of the file (data file (a) and (b) of the first format) are stored between (not contiguous with) the parameter information associated with the first format (in subdirectory 402) and the parameter information associated with the second format (in the next subdirectory). Therefore, the parameter information associated with the first format (in subdirectory 402) and the

parameter information associated with the second format (in the next subdirectory) are not stored contiguous with each other."

In response, the Examiner respectfully disagrees.

First of all, let's take an example of Fig. 24 and consider the DVD_RTR Directory. In this subdirectory, there are files of different formats in contrast with Applicant's arguments that these files are of the same format. As shown, there are at least four formats in this subdirectory, i.e. RTR.IFO and RTR.BUP assumingly as one format, RTR_MOV.VRO, RTR_STO.VRO, and RTR_STA.VRO being a second format, MSP.VOB being a third format, and AST.SOB being a fourth format. These are different formats because at least the corresponding files do not contain the same type of data that are supposed to be processed in corresponding specific manners.

Secondly, referring to Fig. 14, Ando et al. specifically disclose an embodiment, in which there is only one subdirectory (see column 18, lines 31-32). As such, the files in this subdirectory can be both PC data files and video data files.

For at least the reasons stated above, Ando et al. do disclose the features of "all the parameter information associated with one data format and another data format are stored contiguous with each other."

***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

**Claims 1-2 and 6-7 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ando et al. (US Patent 6,341,196) and Cazier (US Patent 7,143,114).**

Regarding claim 1, Ando et al. disclose a recording and reproducing system comprising (column 4, lines 59-67): a record medium holding a plurality of data files of storing predetermined data, said data files being classified according to their data formats (Figs. 18; Fig. 15; column 22, lines 8-14) and parameter information used for reproducing said predetermined data (column 17, lines 16-29; column 19, lines 18-54); data file holding position information file recording means of recording data file holding position information, which indicates a position where said data file is held in a data file holding position information file held on said record medium (column 22, line 8 – column 23, line 10; Figs. 18; Figs. 19; Fig. 13A; Fig. 14; column 18, lines 9-15); parameter information file recording means of recording said parameter information in a parameter information file held on said record medium, all parameter information in said parameter information file associated with one data format being stored contiguous with all parameter information in said parameter information file associated with another data format by using a classification according to said data formats (column 17, lines 16-29; Fig. 14; Fig. 15; also see "Response to Arguments" above); and data reproducing means of reproducing said predetermined data stored by said data file by using said data file holding position information and said parameter information (column 19, lines 18-54). Further, Ando et al. also disclose each of said data file is given unique data file ID (column 18, lines 7; Fig. 16); and the parameter information of the data files are

stored in an order (for example, parameter information of data file C (entry 106) go before those for data files H (entry 114) and I (entry 118) respectively as shown in Fig. 13A), and said data file holding position information is recorded in said data file holding position information file by using said unique data file ID which are given (column 18, lines 1-15; Fig. 13A; Fig. 16).

However, Ando et al. do not disclose the unique data file ID is given by using order in which said parameter information file stores said parameter information.

Cazier discloses giving each object a unique ID by using an order in which the object is created (column 1, lines 15-21).

One of ordinary skill in the art at the time the invention was made would have been motivated to incorporate the step of giving a unique ID using order as described by Cazier into the recording apparatus disclosed by Ando et al. so that each ID is automatically generated in order for reasons of simple implementation. The incorporated feature would eliminate the need for a complicated naming algorithm in creating the management records; thus, should be preferred.

Regarding claim 2, Ando et al. also disclose said data file holding position information file stores said file holding position information with respect to said plurality of data files are held respectively (Fig. 13A).

Claim 6 is rejected for the same reason as discussed in claim 1 above.

Claim 7 is rejected for the same reason as discussed in claim 1 above.

***Conclusion***

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hung Q. Dang whose telephone number is (571)270-1116. The examiner can normally be reached on IFT.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, THAI Q. TRAN can be reached on 571-272-7382. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Hung Q Dang/
Examiner, Art Unit 2621

/Thai Tran/
Supervisory Patent Examiner, Art Unit 2621